

Appendix F

BCA Assessment Worksheet

Region: Saratoga - Capital District

Park: Moreau Lake State Park

Information Source	Consulted	Results/Findings
Breeding Bird Atlas	+	<p>Five BBA blocks include portions of Moreau Lake. 5978B represents the greatest area of overlap and is the only block that will be used for further assessment. Interim data from Atlas 2000 roughly in order of greatest overlap:</p> <p>5978B - Total Species, 90; Confirmed, 12; Probable, 37; Possible 41</p> <p>5979D - Total Species, 57; Confirmed, 13; Probable, 15; Possible, 29</p> <p>5978 A - Total Species, 51; Confirmed, 7; Probable, 9; Possible, 35</p> <p>5978D - Total Species, 80; Confirmed, 30; Probable, 35; Possible, 15</p> <p>6078D - Total Species, 86; Confirmed, 40; Probable, 30; Possible, 16</p> <p>Composite - Total Species, 106; Confirmed, 55; Probable, 33; Possible, 18</p> <p>Nesting Species at Risk (2000 data for 5978B): Pied-billed Grebe - Threatened(Possible), Sharp-shinned Hawk – Special Concern (Possible), Cooper's Hawk – Special Concern (Possible), Red-shouldered Hawk – Special Concern (Probable), Common Nighthawk – Special Concern (Possible).</p> <p>Nesting Species at Risk BBA Block 5978B only: Pied-billed Grebe – Threatened (Possible); Cooper's Hawk – Special Concern (Possible); Red-shouldered Hawk – Special Concern (Probable).</p>
GAP Analysis	-	
BBS	-	
Christmas Bird Counts	+	<p>Hudson Falls – 101st – 105th Count (Average 50.8 species) Species (105th, 104th, 103rd, 102nd, 101st)</p> <p>Species At Risk: Bald Eagle (0, 3, 1, 2, 1), Northern Harrier (3, 0, 0, 24, 5), Sharp-shinned Hawk (2, 4, 5, 2, 1), Cooper's Hawk (3, 4, 5, 2, 1), Short-eared Owl (0, 0, 0, 1, 2).</p> <p>Waterfowl count : (1398, 977, 732, 2674, 733), 72-90% were Canada Goose and mallards(545):Small numbers (max. in parentheses) of Red-throated Loon (1), Horned Grebe (7), Snow Goose (2), Wood Duck (1), American Black Duck (64), Northern Pintail (2),Canvasback (1), Ring-necked Duck (1), Bufflehead (5), Common Goldeneye (392), Hooded Merganser (54), Common Merganser (82).</p>
NYS Natural Heritage	+	<p>Significant ecological communities include: hemlock-northern hardwood forest (2,254 acres) and calcareous talus slope woodland (30 acres). Birds found at Moreau Lake State Park that are associated with this forest habitat include: Wild Turkey, Pileated Woodpecker, Blue-headed Vireo, Red-breasted Nuthatch, Golden-crowned Kinglet, Hermit Thrush, Black-throated Green Warbler, Pine Warbler, White-throated Sparrow (Smith 1998, Checklist).</p>
IBA	+	<p>Moreau Lake Forest: Meets two criteria: (1) Responsibility Assemblage – Forest: Black Billed Cuckoo, Eastern Wood-Pee wee,</p>

		<p>Wood Thrush, Rose-breasted Grosbeak, Baltimore Oriole, and (2) Congregations – Individual Species: Bald Eagle</p> <p>Species at Risk:</p> <p>Severely at Risk: Bald Eagle (NY-Threatened, Federal – Threatened in lower 48 States; at least 10 wintering eagles)</p> <p>Highly at Risk: Common Loon (NYS – Special Concern) uncommon Spring and Fall Pied-billed Grebe (NYS – Threatened) uncommon Spring, Summer and Fall; possible breeder BBA block 5978B Osprey (NYS – Special Concern) uncommon Spring, Summer and Fall Cooper’s Hawk (NYS – Special Concern) uncommon year round; possible breeder block 5978B; confirmed breeder block 6078A Northern Goshawk (NYS – Special Concern) occasional Spring, Summer and Fall Common Nighthawk (NYS – Special Concern) uncommon Spring, Summer and Fall Whip-poor-will (NYS – Special Concern) uncommon Spring, Summer and Fall Blackburnian Warbler (WL-A) per observation 5/13/05 Canada Warbler (WL-A) occasional Spring, Summer and Fall Rusty Blackbird (WL-A) uncommon Spring, Summer and Fall</p> <p>At Risk: American Black Duck (WL-A) common Spring, Summer and Fall; Probable breeder BBA block 5978D Northern Harrier (NYS – Threatened) occasional Spring and Fall Red-shouldered Hawk (NYS – Special Concern) probable breeder BBA block 5978B; rare Spring Wood Thrush (WL-A) confirmed breeder BBA block 5978B, uncommon Spring, Summer and Fall</p>
Bird Checklist	+	<p>"Moreau Lake State Park Birding Checklist" 192 species</p> <p>Species at Risk (Spring, Summer, Fall, Winter) (Occurance: R= Rare, O= Occasional, U= Uncommon): Endangered - Peregrine Falcon (R,R,R,--), Short-eared Owl (--,--,R,--); Threatened - Pied-billed Grebe (U,U,U,--), Bald Eagle (O,--,O,--), Northern Harrier (O,--,O,-), Common Tern (R,R,R,--); Special Concern - Common Loon (U,--,U,--), American Bittern (O,O,O,--), Osprey (U,U,U,--), Sharp-shinned Hawk (U,U,U,U), Cooper’s Hawk (U,U,U,U), Northern Goshawk (O,O,O,--), Red-shouldered Hawk (--,R,--,--), Common Nighthawk (U,U,U,--), Whip-poor-will (U,U,U,--), Red-headed Woodpecker (R,R,R,--)</p>
Preliminary Criteria Assessment	+	<p>44 species of migratory birds (33 regularly occurring; support birds of Forest/river, brush, leafy woodland, marsh, field, lake/coastal water, woods (assemblages 1, 6, 7, 8, 11); supports 3 grassland species (Northern Harrier, Savannah Sparrow, Eastern Meadowlark); supports 31 forest species.</p>
Park Plans	+	Master Plan in progress
Other Resources	+	Bald Eagle Mid-winter Survey: minimum of 6 adults and 4 immature observed(min. 10 eagles)
Field Staff	+	Michael Greenslade, Laura Conner
Other Contacts	+	Peter Nye – area below Spier Falls regularly used by wintering Bald Eagles
Field Visits	+	6 November 2003; 18 March 2004; 14-15 May 2005

(+ = checked, found data; - = checked, no data; () = not checked)

Sources: *Evans, D.J. and P. G. Novak, Rare species and Ecological Communities of Moreau Lake State Park, New York Natural Heritage Program, 2000*
Seeholzer, Bert. "Moreau Lake State Park Birding Checklist"
Smith, Charles. In Bull's Birds of New York State, 1998.
Smith, Charles, 2000. An application of the New York Gap Analysis Database for Identification of Potential Bird Conservation Areas on Public Lands in New York State.

